FORMIPTO-1390 ARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 11:2000) TRANSMITTAL LETTER TO THE UNITED STATES P/61728-PCT-DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO (If known, see 37 CFR 1.5) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/GB00/02093 June 1, 2000 June 17, 1999 TITLE OF INVENTION -SUPERREGENERATIVE AM DEMODULATOR APPLICANT(S) FOR DO/EO/US Ian James FORSTER, Adrian Nigel FARR Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U-S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). b. X has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). l. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. -ĊÔ has been previously submitted under 35-U.S.C. 154(d)(4). X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). T. are attached hereto (required only if not communicated by the International Bureau). b. X have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired يتيرا d. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)): An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36-(35 U.S.C. 371(c)(5)): - -Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. A substitute specification. A change of power of attorney and/or address letter.

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

A second copy of the published international application under 35 U.S.C. 154(d)(4).

Other items or information: Receipt Acknowledgment Postcard

| U.S. APPLICATION NO. (if known  | 10T8/62                 | PCT/GB00/02093                |          |              | P/61728-PG                |       |
|---|-------------------------|-------------------------------|----------|--------------|---------------------------|-------|
| 21. X The following fees are submitted:   |                         |                               |          |              | CALCULATIONS PTO USE ONLY |       |
| BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):  Neither international preliminary examination fee (37 CFR 1.482)  nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO   |                         |                               |          |              |                           |       |
| and International Sea   | rch Report not prepared | by the EPO or JPO             | • • •    | . \$1,040.00 | ₹                         |       |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00  |                         |                               |          |              |                           |       |
| International preliming but international search  |                         |                               |          |              |                           |       |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)   |                         |                               |          |              |                           |       |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00  |                         |                               |          |              | -                         |       |
| ENTER APPROPRIATE BASIC FEE AMOUNT =  |                         |                               |          |              | \$890.00                  |       |
| Surcharge of \$130.00 months from the earli   | \$0.00                  |                               |          |              |                           |       |
| CLAIMS  | NUMBER FILED            | NUMBER EXTRA                  |          | RATE         | \$                        |       |
| Total claims  | 18 - 20 =               | 0                             | х        | \$18.00      | \$0.00                    |       |
| Independent claims  | 8 - 3 =                 | 5                             | х        | \$84.00      | \$420.00                  |       |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$280.00  |                         |                               |          |              | \$0.00                    |       |
| TOTAL OF ABOVE CALCULATIONS =   |                         |                               |          |              | . \$1,310.00              | • • • |
| Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |                         |                               |          |              | . \$0.00                  |       |
|   |                         | SU                            | JBT      | OTAL =       | \$1,310.00                |       |
| Processing fee of \$130.00 for furnishing the English translation later than 20 30 anonths from the earliest claimed priority date (37 CFR 1.492(f)).   |                         |                               |          |              | \$0.00                    |       |
| TOTAL NATIONAL FEE =  |                         |                               |          |              | \$1,310.00                |       |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |                         |                               |          |              | \$0.00                    |       |
| TOTAL FEES ENCLOSED =   |                         |                               |          |              | \$1,310.00                |       |
|   |                         |                               |          |              | Amount to be refunded:    | \$    |
|   |                         |                               |          |              | charged:                  | \$ .  |
| a. X A check in the amount of \$1,310.00 to cover the above fees is enclosed.   |                         |                               |          |              |                           |       |
| b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.   |                         |                               |          |              |                           |       |
| c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-1145  |                         |                               |          |              |                           |       |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.  |                         |                               |          |              |                           |       |
| 1.137 (a) or (b)) mus   | t be filed and granted  | to restore the application to | pen      | ding status. |                           |       |
| SEND ALL CORRESPONDENCE TO:  SIGNATURE: //  |                         |                               |          |              |                           |       |
| KIRSCHSTEIN, OTTINGER, ISRAEL & SCHIFFMILLER, P.C. 489 Fifth Avenue  Alan Israel  Alan Israel   |                         |                               |          |              |                           |       |
| New York, New York 10017 NAME   |                         |                               |          |              |                           |       |
| (212) 697-3750  |                         |                               |          | 27,564       |                           |       |
| REGISTRATION NUMBER  I hereby certify that this correspondence is being deposited with the U.S. Postal  Service as Express Mail No. EL 337 911 768 US in an envelope addressed to: Box PCT,  Commissioner of Patents and Trademarks, Washington, D.C., 20231, on: |                         |                               |          |              |                           |       |
| December 17, 2001 (date)  | Alan Israe              |                               | <u> </u> |              |                           |       |
| •   |                         |                               |          |              |                           |       |